

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
 Data File : VN069459.D
 Acq On : 11 Nov 2021 17:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 05:17:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1048167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1757094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1720118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	786193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	735857	48.418	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.840%		
35) Dibromofluoromethane	8.021	113	521204	49.458	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.920%		
50) Toluene-d8	10.443	98	2109919	50.907	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.820%		
62) 4-Bromofluorobenzene	12.731	95	795554	52.249	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	537992	48.043	ug/l	99
3) Chloromethane	2.303	50	579805	44.646	ug/l	98
4) Vinyl Chloride	2.445	62	603138	46.383	ug/l	98
5) Bromomethane	2.840	94	365823	43.318	ug/l	100
6) Chloroethane	3.011	64	407781	46.460	ug/l	97
7) Trichlorofluoromethane	3.368	101	944052	46.975	ug/l	99
8) Diethyl Ether	3.821	74	302210	46.478	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.202	101	453124	47.865	ug/l	93
10) Methyl Iodide	4.417	142	559379	48.176	ug/l	97
11) Tert butyl alcohol	5.388	59	599608	218.948	ug/l	98
12) 1,1-Dichloroethene	4.175	96	407424	47.958	ug/l	91
13) Acrolein	4.041	56	91950	236.751	ug/l	99
14) Allyl chloride	4.838	41	888551	47.307	ug/l	96
15) Acrylonitrile	5.556	53	1702815	242.806	ug/l	99
16) Acetone	4.288	43	1755778	214.122	ug/l	97
17) Carbon Disulfide	4.524	76	856053	42.629	ug/l	99
18) Methyl Acetate	4.854	43	1213755	45.535	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1772784	49.308	ug/l	97
20) Methylene Chloride	5.095	84	524020	45.067	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	446410	47.046	ug/l	88
22) Diisopropyl ether	6.498	45	2021628	49.967	ug/l	96
23) Vinyl Acetate	6.436	43	7878320	251.760	ug/l	96
24) 1,1-Dichloroethane	6.385	63	1004466	48.742	ug/l	99
25) 2-Butanone	7.337	43	2617345	235.726	ug/l	92
26) 2,2-Dichloropropane	7.327	77	772684	47.922	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	585390	49.767	ug/l	89
28) Bromochloromethane	7.659	49	540023	51.171	ug/l #	81
29) Tetrahydrofuran	7.686	42	1665943	244.494	ug/l	91
30) Chloroform	7.817	83	1063427	50.335	ug/l	98
31) Cyclohexane	8.094	56	929802	44.781	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	887361	50.319	ug/l	96
36) 1,1-Dichloropropene	8.222	75	740502	50.085	ug/l	97
37) Ethyl Acetate	7.415	43	1023590	51.216	ug/l	95
38) Carbon Tetrachloride	8.206	117	719128	50.380	ug/l	99
39) Methylcyclohexane	9.459	83	910787	49.521	ug/l	91
40) Benzene	8.461	78	2286413	50.101	ug/l	99

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41) Methacrylonitrile	7.638	41	507573	49.150	ug/l	91
42) 1,2-Dichloroethane	8.531	62	899056	50.314	ug/l	98
43) Isopropyl Acetate	8.563	43	1598010	49.780	ug/l	95
44) Trichloroethene	9.217	130	548629	50.232	ug/l	92
45) 1,2-Dichloropropane	9.491	63	621745	50.994	ug/l	99
46) Dibromomethane	9.579	93	411472	50.384	ug/l	92
47) Bromodichloromethane	9.762	83	798395	52.390	ug/l	100
48) Methyl methacrylate	9.561	41	737211	48.812	ug/l	94
49) 1,4-Dioxane	9.571	88	268865	902.256	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	5402964	260.751	ug/l	96
52) Toluene	10.505	92	1482907	52.159	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	850484	45.633	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	921339	46.778	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	609362	53.171	ug/l	99
56) Ethyl methacrylate	10.762	69	1007644	46.793	ug/l	87
57) 1,3-Dichloropropane	11.046	76	1043028	51.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1157521	212.222	ug/l	92
59) 2-Hexanone	11.087	43	3938525	225.908	ug/l	94
60) Dibromochloromethane	11.240	129	589705	47.032	ug/l	99
61) 1,2-Dibromoethane	11.347	107	620907	48.571	ug/l	99
64) Tetrachloroethene	10.979	164	501432	48.278	ug/l	92
65) Chlorobenzene	11.771	112	1594560	49.803	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	575812	51.850	ug/l	99
67) Ethyl Benzene	11.846	91	2992447	50.676	ug/l	96
68) m/p-Xylenes	11.956	106	2206418	101.595	ug/l	94
69) o-Xylene	12.280	106	1112541	51.385	ug/l	95
70) Styrene	12.296	104	1826591	47.079	ug/l	97
71) Bromoform	12.460	173	420854	44.080	ug/l #	100
73) Isopropylbenzene	12.581	105	2961291	47.307	ug/l	98
74) N-amyl acetate	12.387	43	1289286	48.600	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	986992	46.750	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	940436m	51.833	ug/l	
77) Bromobenzene	12.862	156	676884	47.281	ug/l	83
78) n-propylbenzene	12.921	91	3405030	48.342	ug/l	96
79) 2-Chlorotoluene	13.010	91	2046609	46.928	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	2425625	47.933	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	250291	42.098	ug/l	92
82) 4-Chlorotoluene	13.106	91	1971181	47.414	ug/l	94
83) tert-Butylbenzene	13.326	119	2144855	48.366	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2395852	49.041	ug/l	98
85) sec-Butylbenzene	13.503	105	3031644	48.939	ug/l	98
86) p-Isopropyltoluene	13.616	119	2453525	49.892	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1205421	48.566	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1166245	47.896	ug/l	98
89) n-Butylbenzene	13.943	91	2033283	49.581	ug/l	98
90) Hexachloroethane	14.211	117	398542	44.346	ug/l	86
91) 1,2-Dichlorobenzene	13.991	146	1173119	49.671	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	169480	43.423	ug/l	82
93) 1,2,4-Trichlorobenzene	15.265	180	538826	43.943	ug/l	97
94) Hexachlorobutadiene	15.370	225	302968	49.369	ug/l	99
95) Naphthalene	15.507	128	1425698	41.665	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	524565	44.688	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

